

Major Bridge Projects

Eighth Street Viaduct Partial Reconstruction including Replacement of the Eighth Street Bridge and the Burns Street Ramp (Two County Bridges and One City Bridge in Queensgate and Lower Price Hill)

This project consists of reconstructing portions of the Eighth Street Viaduct and replacing the Eighth Street Bridge west of the viaduct and the Burns Street Ramp, which is a City Department of Transportation and Engineering (DOTE) bridge adjacent to the viaduct. DOTE, through the combined efforts of its own staff members and two directed consultants completed plan development in 2007. Construction began in May of 2008 and is expected to be completed in mid 2010. During the first two construction seasons, 22 of the 78 existing concrete piers that support the viaduct deck were replaced and the superstructures to the Eighth Street and the Burns Street Ramp bridges were replaced. The viaduct deck was fully resurfaced and the walks, railings, lighting and drainage features were replaced. The viaduct was opened to traffic on October 22, 2009. Concrete restoration work under the viaduct will continue through mid 2010. The total contract construction cost for the project is expected to be \$25 million. This project is being funded using \$2 million City CIP bridge and Eighth Street Viaduct CIP funds, \$4 million Hamilton County MRF funds, \$4 million in State OPWC funds, \$2.5 million in OKI - STP funds, and \$12.5 ODOT Local Major Bridge funds.

Waldvogel Memorial Viaduct Replacement (City Bridge in Lower Price Hill)

With a combination of Federal discretionary and ARRA funds, ODOT Local Major Bridge and safety program funds, OKI – STP funds, State OPWC funds, and Hamilton County MRF funds, DOTE has secured \$59.7 million of the estimated \$68 million needed for right-of-way and construction costs for the replacement project. Plans for this project are being prepared by a consultant hired by the City; however, the project will be let by ODOT and ODOT will manage the construction. The project has been split into two separate projects: a railroad relocation project and a road and bridge replacement project. The railroad relocation project will relocate the four existing railroad tracks immediately south of River Road. These tracks will be relocated further to the south to create the space needed for the road and bridge project. The railroad relocation project is currently under construction and is expected to be completed by the end of 2010. Final road and bridge replacement plans are currently being prepared by the consultant. The road and bridge replacement project will remove the existing, deteriorated, half-mile long viaduct and replace it with a combination of widened roadway on grade and five new, smaller ramp bridges. Construction for the road and bridge replacement project is scheduled to start in April of 2011. Construction is expected to last two years.

Western Hills Viaduct Rehab/Replacement (County Bridge in South Fairmount and CUF)

DOTE along with representatives from the Hamilton County Engineers offices are presently starting preliminary engineering for the replacement/rehabilitation of the Western Hills Viaduct. A preferred consultant has been identified to develop the exact nature of the project through engineering analysis, community involvement and public outreach and to prepare the environmental documents, and develop plans. Authorization for the consultant to proceed is waiting on the availability of funds. It is expected that all rehabilitation/replacement options for the viaduct will exceed \$100 million. Because of this high cost, substantial state and/or federal funding will be needed to complete the project. Consequently, DOTE is petitioning ODOT to include the Western Hills Viaduct in Brent Spence project which is scheduled for 2015.